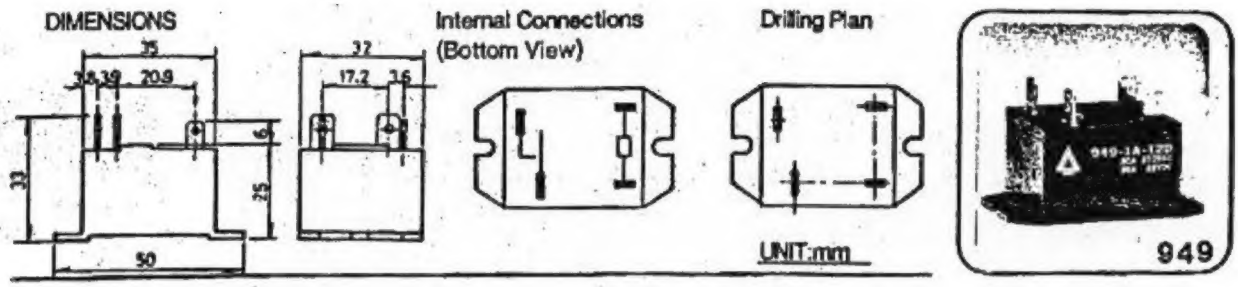
Jameco Part number 137349

Relays 30A High Power Relay



• SPECIFICATIONS

CONTACT

- *Arrangement* *1A*
- *Material* ..... *AgCdO*
- Resistance(initial) ..... Max 50mÙ
- *Ratings(resistive)*
  Nominal Load ..... *30A 250V AC 30A 30V AC*
  Max. Switching Power ..... *7 500 VA 900 W*
  Max. Switching Voltage ..... *250V AC*
- *Life Expectancy*
  Mechanical ..... *1 X 10⁷ operations*
  Electrical ..... *1 X 10⁵ operations*

COIL

- *Nominal Voltage* ..... *6 ~ 48V DC*
- *Nominal Power (at 20°C)* *1.2W*
- *Operate Power (at 20°C)* *0.59W*
- *Operate & Release Voltage* ..... *Please see Coll Data Chart*

GENERAL

- *Insulation Resistance* ..... Min. 100 MÙ at 500 V DC
- *Dielectric Strength* ..... *1200 V AC 1 minute (between open contact)*
  4000 V AC 1 minute (between all conductors)
- *Temperature Range (at nominal voltage)* ..... *40°C~ +70°C*
- *Time ValueOperate:* *Max.10ms*
  (at nominal voltage) *Release:Max.8ms*
- *Vibration Resistance*
  Unorring ..... *10 to 55 Hz double amplitude of 1.5mm*
  Destructive ..... *10 to 55 Hz, double amplitude of 1.5mm*
- *Shock Resistance*
  Unorring ..... *10G (11 ± 1 ms)*
  Destructive ..... *100G (6 ± 1 ms)*
- *Unit Weight* ..... *Approx. 55g*

COIL DATA AT 20° C

COIL TYPE	Nominal Voltage DC	Coil Resistance ± 10%	Nominal Current MA	Pick-Up or Below Volts	Drop-Out or Above Volts
Standard Coils	6	30	200	70% Max	10% Min
	12	120	100		
	18	270	66.7		
	24	480	50		
	48	1920	25		

• Max Allowable Voltage 110%